

Converting Colors

YUV(87.8120, -34.4173,
119.4369)

Have a look what the booklet for
YUV(87.8120, -34.4173, 119.4369)
contains.

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Color

**YUV(87.8120, -34.4173,
119.4369)**

Conversions

Conversions Part 1

Format	Color
Hex	E02012
RGB	224, 32, 18
RGB Percent	88%, 13%, 7%
CMY	0.1216, 0.8745, 0.9294
CMYK	0.00, 0.86, 0.92, 0.12
HSL	4°, 85%, 47%
HSV	4°, 92%, 88%
XYZ	31.3662, 16.9240, 2.1857
YIQ	87.8120, 118.9260, 36.3500

Conversions

Conversions Part 2

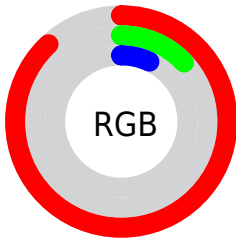
Format	Color
R_{YB}	224, 33, 18
Decimal	14688274
CIE _{Lab}	48.16, 68.95, 56.27
CIE _{LCh}	48, 89.001, 39.217
Yxy	16.9240, 0.6214, 0.3353
Android (android.graphics.Color)	4292878354 (0xFFE02012)
YUV	87.8120, -34.4173, 119.4369
Hunter-Lab	41.1388, 64.1040, 25.6470

Details

The YUV color **87.8120, -34.4173, 119.4369** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **154.1880, 34.4173, -119.4369**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.6970, -36.8256, 98.4897**, and **47.5410, -23.4377, 97.7495** is the 20% darker color. If you saturate the color by 10%, you get **75.7810, -37.3600, 129.9881**, and if you desaturate by 10%, it is **102.6470, -30.8850, 106.4266**.

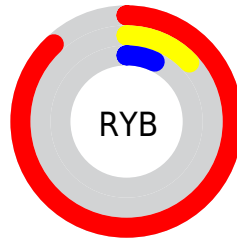
Distribution



Red (88%)

Green (13%)

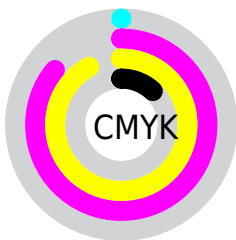
Blue (7%)



Red (88%)

Yellow (13%)

Blue (7%)

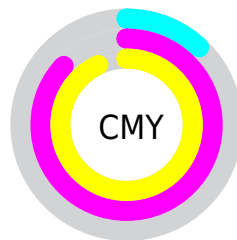


Cyan (0%)

Magenta (86%)

Yellow (92%)

Black (12%)



Cyan (12%)


Magenta (87%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 87.8120, -34.4173, 119.4369 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 87.8120, -34.4173, 119.4369 by changing the saturation by 10% instead.


 87.8120, -34.4173,
119.4369


 87.8120, -34.4173,
119.4369


255.0000, 0.0000,
0.0000

 57.1090, -28.1547,
117.4224


 142.6970,
-36.8256, 98.4897

 47.5410, -23.4377,
97.7495


 163.0430,
-35.0242, 80.6463


 37.6740, -18.5733,
77.4619


 183.0300,
-32.0598, 63.1177

 28.5190, -13.5669,
58.3038

 203.0170,
-29.0954, 45.5891

 20.0760, -8.4185,
40.2753

 223.7050,
-25.9836, 27.4457


 9.6820, -4.2802,
19.5729


 244.5070,


 0.0000, 0.0000,


-22.4350, 9.2024


0.0000


 251.8080,
-12.2303, 2.7994


 87.8120, -34.4173,
119.4369

 87.8120, -34.4173,
119.4369


 75.7810, -37.3600,
129.9881

 102.6470,
-30.8850, 106.4266

 117.5960,
-26.9158, 93.3163

 132.4310,
-23.3835, 80.3060

 147.3800,
-19.4143, 67.1957

 161.6280,
-15.5926, 54.7002

■ 176.4630,
-12.0603, 41.6899

■ 191.4120, -8.0911,
28.5797

■ 206.2470, -4.5588,
15.5694

■ 221.1960, -0.5896,
2.4591

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5900, 6.1181, 138.0486



87.8120, -34.4173, 119.4369



106.9490, -52.7259, 64.9427

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.8120, -34.4173, 119.4369



89.1510, -16.3434, -78.1854



98.3360, 77.2354, -86.2407

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87.8120, -34.4173, 119.4369



154.1880, 34.4173, -119.4369

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



109.4890, 71.7369, -96.0219



87.8120, -34.4173, 119.4369



100.1460, 18.1690, -87.8280

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.8120, -34.4173, 119.4369



78.6580, -38.7784, -68.9831



108.3540, 49.6185, -95.0265



114.1970, 58.5699, 20.8752

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.8120, -34.4173, 119.4369



107.3160, -52.9068, 29.5409



108.3540, 49.6185, -95.0265



103.0320, 74.9202, -90.3591

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.8120, -34.4173, 119.4369



207.5770, -11.6235, 41.5900



101.4820, 53.4994, 107.4483



98.9170, -7.3541, 25.5058



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8120, -34.4173, 119.4369



86.2240, -42.5084, 148.0166



148.2730, -64.2246, 66.4126



104.8760, -1.9109, 6.2477



59.6680, -29.4163, 102.0232



16.1130, -7.9437, 27.9649

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



154.1880, 34.4173, -119.4369



168.7760, 42.5084, -148.0166



93.7270, 64.2246, -66.4126



108.1240, 1.9109, -6.2477



116.3320, 29.4163, -102.0232



31.8870, 7.9437, -27.9649

Previews

White Background



This preview shows how the YUV color 87.8120, -34.4173, 119.4369 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 87.8120, -34.4173, 119.4369

Background



This preview shows how black text looks on a background with the YUV color 87.8120, -34.4173, 119.4369.



This preview shows how white text looks on a background with the YUV color 87.8120, -34.4173,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.8120, -34.4173, 119.4369

Protanopia

110.7670, -36.8601, 15.9903

Deuteranopia

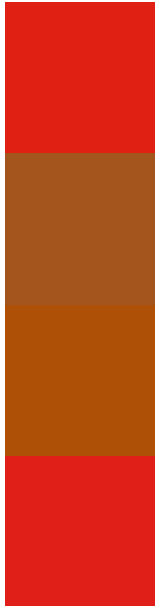
107.3380, -52.9176, 33.0296



Tritanopia

88.2510, -30.1967, 119.0519

Trichromacy



Original Color

87.8120, -34.4173, 119.4369

Protanomaly

102.2370, -36.1058, 54.1662

Deuteranomaly

100.3710, -46.0319, 64.5726

Tritanomaly

87.9090, -31.5071, 119.3518

Monochromacy



Original Color

87.8120, -34.4173, 119.4369

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0610, -12.3551, 42.9195

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8120, -34.4173, 119.4369 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(224, 32, 18)` looks like.

```
.text, #text, p{  
    color:rgb(224, 32, 18)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 32, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 32, 18) }
```

Border

The CSS property to change the border of an element to YUV 87.8120, -34.4173, 119.4369 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 32, 18) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(224, 32, 18) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(224, 32, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 32, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 32, 18);  
box-shadow:4px 4px 4px 4px rgb(224, 32,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 87.8120, -34.4173, 119.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 32, 18) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224, 32,  
18) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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